



JAX INC.

Approval Date 2/9/2009
 Supersedes Date 7/26/2007

Material Safety Data Sheet

Section I. Chemical Product and Company Identification	
Product Name/ Trade Name	JAX POLY-PLATE EP-0 AND EP-2
Product ID No.	09500; 09502
Supplier	JAX INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA
Synonym(s)	None
Chemical Name	Lubricating grease
Chemical Family	Hydrocarbon
Chemical Formula	Mixture
Material Uses	Lubricant
Emergency Contact	
For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC: NORTH AMERICA 800-424-9300 INTERNATIONAL +01-703-527-3887 Collect	
Non-Emergency Contact JAX: 262-781-8850 JAX/FAX: 262-781-3906	

Section II. Composition and Information on Ingredients			
Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.			
Residual oils, petroleum, solvent-refined	5 mg/m ³ (oil mist), OSHA	64742-01-4	1-5
Distillates, petroleum, solvent-refined heavy paraffinic	5 mg/m ³ (oil mist), OSHA	64741-88-4	10-30
Distillates, petroleum, severely hydrotreated heavy naphthenic	5 mg/m ³ (oil mist), OSHA	64742-52-5	30-50
LC ₅₀ , LD ₅₀ of Ingredients	Not available		

Section III. Hazards Identification	
Emergency Overview	Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
Potential Health Effects:	
Eye Contact	May cause slight irritation and redness.
Skin Contact	May cause slight irritation.
Ingestion	Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal.
Inhalation	Not expected to present an inhalation exposure risk at ambient temperatures. If vapors or mists are created upon heating or by mechanical means, those vapors or mists may cause irritation of the breathing passages.

Continued on Next Page

Section III. Hazards Identification (cont'd)

HMIS Code	Health:	1	Fire:	1	Physical Hazard:	0	HAZARD RATINGS	
							0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard	3 Serious Hazard 4 Severe Hazard

Section IV. First Aid Measures

Eye Contact	Remove contact lenses, if wearing, and flush eyes with water. If irritation persists, consult a physician.
Skin Contact	Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.
Ingestion	If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Section V. Fire and Explosion Data

Autoignition Temperature	Not available	Sensitivity to Impact	Not available
Flash Point	475°F (246°C), ASTM D 92	Sensitivity to Static Discharge	Not available
Flammable Limits (Approx.)	LOWER Flammable Limit: Not available	UPPER Flammable Limit:	Not available
Explosion Hazards	See Lower and Upper Flammable Limits		
Products of Combustion	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.		
Firefighting Media and Instructions	<p>Extinguishing media: Carbon dioxide (CO₂), dry chemical, sand, dolomite, alcohol-resistant foam, and water spray, fog or mist.</p> <p>Instructions: Wear full protective gear, including helmet and chemical-resistant clothing. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.</p>		
Special Remarks - Fire and Explosion Hazards	Pressure will increase in overheated, closed containers. Use water to keep fire-exposed containers cool and to disperse vapors. Water spray may be used to flush spills away from exposures and to dilute spills. Avoid water in straight hose stream, as this will scatter and spread the fire. Keep run-off water out of sewers and water sources. Dike for water control.		

Section VI. Accidental Release Measures

Release or Spill	Recover free product using non-sparking tools and equipment. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourse, or extensive land areas.
Environmental Impact	Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

Section VII. Handling and Storage

Handling	Keep away from heat, sparks and other sources of ignition. Ventilate well; avoid breathing vapors. Use approved respirator if air contamination is about accepted level. DO NOT reuse empty containers without reconditioning. Do not store or mix with strong oxidizers. Keep container closed when not in use. Avoid contact with eyes, skin and clothing. Wash hands after handling and before eating. Do not smoke when using this product. Eye wash and emergency shower must be available at the workplace.
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Section VII. Handling and Storage (cont'd)

Storage Do not store near heat, sparks, flame, strong acids and oxidizers, or other incompatibles. Keep containers closed when not in use.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection Use respiratory protection if needed to keep airborne levels below recommended oil mist exposure limits.

Ventilation Use in a well-ventilated area. See Engineering Controls.

Protective Gloves Any lined non-permeable rubber gloves.

Eye Protection Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.

Personal Hygiene Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

Engineering Controls If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended oil mist exposure limits.

Exposure Limit See Section II.

Section IX. Physical and Chemical Properties

Appearance/Odor	La grasa verde azulado con el olor templado y suave de petróleo	Vapor Pressure	<0.01 mm Hg @ 20°C
Odor Threshold	Not available	Vapor Density	>5 (air = 1)
Specific Gravity	0.89 @ 60°F(16°C)	Percent Volatile	Not available
Density	Not available	Evaporation Rate	<0.01 (butyl acetate = 1)
Molecular Weight	Not available	Viscosity	Not available
pH	Not available	Solubility in Water	Negligible
Boiling Point	Not available	Coefficient of Water/Oil Distribution	Not available
Freezing/Melting Point	Not available	Physical State	Semi-solid

Section X. Stability and Reactivity Data

Stability Stable under normal temperatures and pressures. **Conditions of Reactivity** Not available

Conditions of Instability Not available

Conditions and Materials to Avoid Avoid heat, sparks, open flames, acids and oxidizing materials.

Hazardous Polymerization Hazardous polymerization will not occur.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Section XI. Toxicological Information

Routes of Entry Dermal contact, eye contact, inhalation, ingestion. **Ingestion** Not available

Toxicity to Animals Not available **Inhalation** Not available

Effects of Acute Exposure Not available **Toxically Synergistic Products** Not available

Acute Effects of Sensitization Not available

Chronic Effects on Humans:

Carcinogenic Effects This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].

Mutagenic Effects No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.

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Section XI. Toxicological Information (cont'd)

Teratogenic Effects	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
Reproductive Effects	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

Section XII. Ecological Information

Ecotoxicity	There is no data available on the adverse effects of this material on the environment.
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Section XIII. Disposal Considerations

Waste Disposal	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.
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Section XIV. Transportation Information

U.S. D.O.T.			
Shipping Name:	Not regulated	UN Number:	None
Hazard Class:	None	Packing Group:	None
Remarks	None		

Section XV. Regulatory Information**U.S. Federal Regulations:**

CERCLA	Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 : None
SARA (Section 313)	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
SARA Extremely Hazardous List	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
TSCA Inventory	All components of this material are on the U.S. TSCA Inventory.
California Prop. 65	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None

International Regulations:

Canada	All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.
Japan MITI	Not available
Australia	Not available
Switzerland	Not available

Section XVI. Other Information

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Prepared by	Technical Services 262-781-8850
Sections Revised Since Last Version	Section I

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